

STATEMENT OF WORK
Doroznaya 9B WHSE
WHSE Perimeter Lighting.

1. General:

The Contractor shall provide all labor, tools, materials, equipment, safety measures, supervision and services, unless otherwise specified, to complete the work required herein. All the work and procedures shall be performed in conformity to the specifications and work requirements herein. All local labor standards for occupational safety and health apply to this contract.

Existing site conditions:

The Embassy Warehouse located in Moscow, Doroznaya street, 9B. Lighting of the perimeter walls of the Doroznaya WHSE is not energy efficient, and did not meet the standards. Existing conduits and junction boxes are in disorder and need to be repaired. Obsolete security cameras system and microwave sensors is not working. Contractor shall install new LED lighting for the perimeter wall and courtyard lighting. Contractor shall dismantle and dispose old lights and wiring.

GFM:

- WHSE staff will be responsible for the relocation of the stored goods from the area needed for the perimeter wall access or the lift installation.

2. Scope of work.

The contractor shall perform the following works within this project:

- Contractor shall provide necessary calculations to ensure that the new lights will provide illumination no less than 19 lx average for the perimeter wall and a courtyard. The total light flux shall be no less than 700000 Lm, total electric power consumption of the lights shall be less than 4800 W. Luminous efficiency shall be 145-150 Lm/W. All calculations shall be made in accordance with SP 52.13330.2011.
- Install necessary scaffolding (or use the cherry picker lift for the lights installation)
- The Contractor shall insure that all personnel operating and working from cherry picker lift are qualified and possess the necessary licenses required.
- Contractor needs to prepare and submit a fall protection plan. Must be approved by the COR. No elevated work shall start without this approval.
- Fall protection harnesses shall be used with the scaffolding or the cherry picker lift.
- Remove old conduits from the walls, including the cameras and security system conduits and wiring.
- Paint existing light posts with the rust proof enamel paint Hammerite or similar - color gray.
- Contractor shall provide temporary lighting where necessary.
- Contractor shall install new lights, lights brackets and hanging systems, wiring, junction boxes, conduits.
- Contractor shall connect new lights and new power panels to the existing main power panel in the WHSE.
- Contractor shall use LEDED STR 100 OSRAM, LEDED STR 50 OSRAM, LEDED STR 120 SSPOTLIGHT OSRAM or similar. Life span of the lights shall be no less

than 100000 hours. Contractor shall provide guarantee service for light fixtures for 5 years.

- Contractor shall dispose old lights in compliance with applicable local codes for the industrial waste disposal. Contractor shall order container for the garbage if the trash will be removed not on daily basis. The place for the trash container shall be approved by WHSE staff.

- Contractor shall provide "As Built" set of drawings - 3 sets in English.

3. Drawings.

3.1. The COR may, at any time, by written order, make changes in the specifications of this contract and within the general scope thereof. If such changes cause any increase in the amount due under this contract, or in the time required for its performance, the Contracting Officer shall approve such changes and issue a modification to reflect such changes in writing. Changes in the scope of performance, or changes which result in increases in cost, must be approved by the Contracting Officer by modification.

3.2. The measurements are not provided in this scope. The exact measurement is to be determined by the independent measurements made by the contractor during the site visit.

3.3. The Contractor shall at all times enforce strict discipline, good order among his employees and assure workmanship of the highest quality. The Contractor shall insure that all personnel employed in the performance of this contract are qualified and possess the necessary licenses required in their respective trades. The Contractor shall obtain all required licenses and permits at no additional cost to the Government, and shall be responsible for all damages to persons or property that occur as a result of its fault or negligence in connection with the contracted work, and shall further be responsible for the proper care and protection of all materials delivered and work performed until completion and final acceptance. The Contractor agrees to release the Government from all damages or claims arising from the work covered by this contract.

4. Contractor personnel:

The Contractor shall insure that all personnel employed in the performance of this contract are qualified and possess the necessary licenses required in their respective trades.

5. Debris Disposal:

Debris produced from the work shall be disposed on a daily basis outside Embassy in compliance with applicable local codes for the industrial waste disposal.

6. Utilities

6.1. Electricity, 220V 50 Hz single phase is available at the site. City water is also available from the nearest to work area faucets. Electricity and water are provided at no cost to the Contractor during the work period. Both shall be utilized solely for the contracted work, never for any other purpose.

6.2. Advance approval by the COR shall be required to install temporary electric wiring from the transformer and/or water piping from the faucets

for the contracted work. Before the final acceptance of the contract by the Government, The Contractor shall remove these temporary installations and restore the original conditions.

7. Contractor's submittal:

The Contractor shall submit a work schedule, setting forth date, time, contents of work, personnel and time line to completion in English for approval by the COR.

8. Schedule of work:

No work on site shall be commenced without the COR's approval. The Contractor shall complete the contract work within 30 working days after commencement of the work. Actual schedule of work shall be discussed with the COR and Warehouse Management.

9. Delays

If the contractor is delayed at any time during the progress of the work by any act or omission of COR or Project Manager, or any fire, severe weather, unusual act of God, " Excusable Delay Events " then the contractor may be entitled to additional time to the schedule. If the contractor experienced an Excusable Delay Event, the contractor shall within two/2/ days after such event shall give COR Notice of the Delay, and any impact by the delay upon the schedule. If the contractor provides COR with the foregoing Notice, then the contractor shall be entitled to a day for day extension to the schedule corresponding to the number of days of delay demonstrated by the contractor to be directly caused by the Excusable Delay Event.

10. Inspection and Acceptance by the COR:

10.1 The COR or COR's designee may reserve a right to inspect and test all the work under this contract at any time. If any of the work does not conform to the contract requirements and/or specifications, the Embassy may require the Contractor to perform the services again at no additional cost to the Embassy.

11. Guarantee:

11.1. Unless otherwise stipulated herein, the Contractor shall guarantee the Contractor workmanship of the work completed under this contract for a two year period from the date of the Government's acceptance of the work completion. Contractor shall guarantee life span of the light fixtures under this contract for a five year period from the date of the Government's acceptance of the work completion.

11.2. During the guarantee period, the Contractor shall correct and/or repair, at no cost to the Government, any damages and/or deficiencies that may be attributed to the materials and workmanship provided by the Contractor under this contract. The Contractor shall provide all labor, materials, equipment, at their own expense, to perform the repair and/or correction. The repair and/or correction must be completed within 10 days from Notice of Damage(s).